

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 January 2004 (22.01.2004)

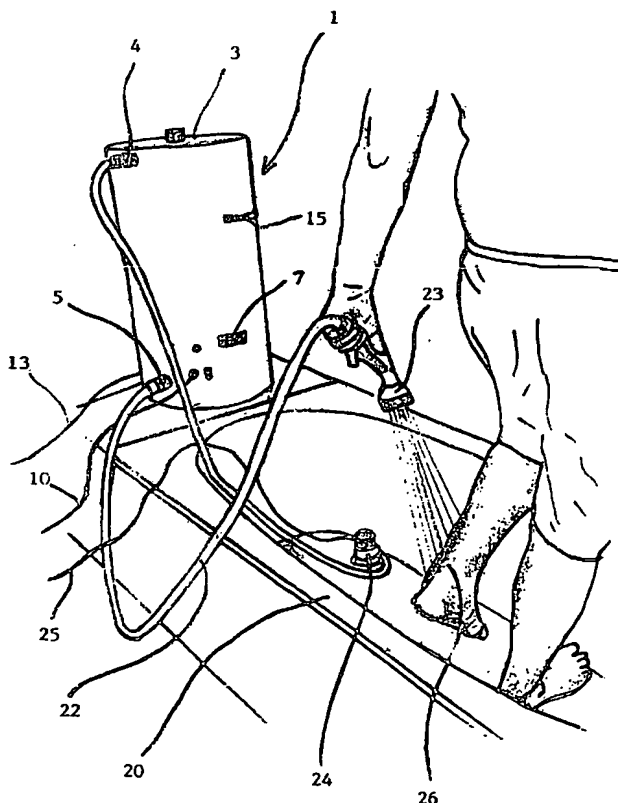
PCT

(10) International Publication Number
WO 2004/006824 A1

- (51) International Patent Classification⁷: **A61H 33/00**,
A61F 7/00
- (21) International Application Number:
PCT/AU2003/000879
- (22) International Filing Date: 9 July 2003 (09.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2002950146 10 July 2002 (10.07.2002) AU
- (71) Applicants and
(72) Inventors: **CARDOW RONALD KENNETH [AU/AU]**;
115 Greenwell Point Road, Greenwell Point NSW 2540
(AU). **JOHNSON, Wal [AU/AU]**; 115 Greenwell Point
Road, Greenwell Point Road NSW 2540 (AU).
- (74) Agent: **ANDERSON-TAYLOR, Michael**; 10 Harrison
Avenue, Bonnet Bay, NSW 2226 (AU).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report

[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR PROMOTING BLOOD CIRCULATION TO AN INJURY



(57) **Abstract:** There is an apparatus for promoting or assisting the healing of an injured area (26) of human anatomy by alternative applications of a fluid at differing temperatures. The apparatus includes a spray applicator (23) and a reservoir (1) for the fluid with a pressure pump (14) and fluid heater (11). The apparatus in use is arranged such that the spray applicator (23) is connected to the pressure pump (14) whereby timed sprays of the fluid from the reservoir (1) at a selected temperature can be applied to the injured area (26) to increase blood circulation.